

2006 SEED SUMMARY REPORT INSPECTION RESULTS



**PLANT INDUSTRIES DIVISION
BUREAU OF FEED AND SEED**

**Missouri Department of Agriculture
Mission Statement**

To serve, promote, and protect the agricultural producers, processors, and consumers of Missouri's food, fuel, and fiber products.

FOREWORD

The Seed Summary report is comprised of two sections.

Section one is intended to show the reliability of labelers in meeting their claims for seed quality. Inspections listed in this section were random, with no intentional bias, for the purpose of providing a means of comparing each labeler's reliability in meeting claims. The greater the number of samples taken per labeler, the greater the probability that the consistency in meeting claims shown will represent the labeler's actual performance.

Section two is comprised of selective inspections designed specifically to curtail labeling and licensing violations of the Missouri Seed Law. Examples of violations are selling seed without a permit, selling seed out of test date, and labeling omissions or inconsistencies with the law.

Stop sales are debited to the labeler if a discrepancy from the labeler's claim is found. If a lot of seed is found offered for sale past the time allowed on the existing germination test date, that violation is charged against the possessor of the seed. Violations recorded against the possessor of the seed are listed in section two.

All inspections were performed to fulfill the regulatory responsibilities given by the Missouri Department of Agriculture by the Missouri Seed Law, Statute Sections 226.011 through 266.111 (RSMo 2000).

INTRODUCTION

The Missouri Department of Agriculture, Plant Industries Division, Bureau of Feed and Seed are pleased to publish the 2006 Seed Summary Report and Inspection Results.

The quality of Missouri seed in 2006 improved slightly compared to 2005. Two thousand-six (2,006) lots of seed were officially sampled and tested. One hundred twenty (120) stop-sale orders were issued for seed failing to meet its labeled guarantees. This resulted in a compliance rate of 94.02 percent compared to 93.52 percent in 2005.

The Missouri Seed Control Laboratory tested 345 service samples in 2006. A total of 2,351 official and service samples were tested in 2006 resulting in a total of 4,609 individual tests performed.

All seed retailers are required to have their on-hand carry over seed retested for germination every 10 months (counting the month the seed was retested.) The new test date must appear on all labels. Seed lots found to be out of test date will be placed on stop sale order until such time as the seed has been tested and a new test date is placed on the label with any change in germination rate noted or the seed is disposed of in an acceptable manner. In 2006, 35 field written stop sale orders were issued mainly on out of test date seed.

The Bureau of Feed and Seed offers many seed sampling and seed testing services. The charges for analysis and analytical reports on seed samples are listed in the Missouri Seed Law Rules 2CSR 70-35.050.

For more information concerning the services offered by the Bureau of Feed and Seed, contact the feed and seed inspector in your area or contact:

**Missouri Department of Agriculture
Plant Industries Division
P.O. Box 630
Jefferson City, MO 65102**

**Becky.Lueckenotte@mda.mo.gov
(573) 751-4310 Office; (573)751-5500 Office Fax
(573) 751-4340 Seed Laboratory; (573) 526-7777 Seed Laboratory Fax
Or visit our Web site at www.mda.mo.gov
Plants, Grain, Feed & Seed**

PLANT INDUSTRIES DIVISION

BUREAU OF FEED AND SEED

Judy Grundler, Director, Plant Industries

Tony L. Claxton, Program Coordinator/Inspection Fee Auditor, Bureau of Feed and Seed

Linda Adkins, Clerical Staff

Becky Lueckenotte, Clerical Staff

David Hoskins, Seed Analyst III

Nevelyn Higgins, Seed Analyst II

INSPECTORS AND ASSIGNED AREAS

AREA 1

Richard Lollar
1206 Northwood Terrace
Chillicothe, MO 64601
(660) 646-5811

AREA 3

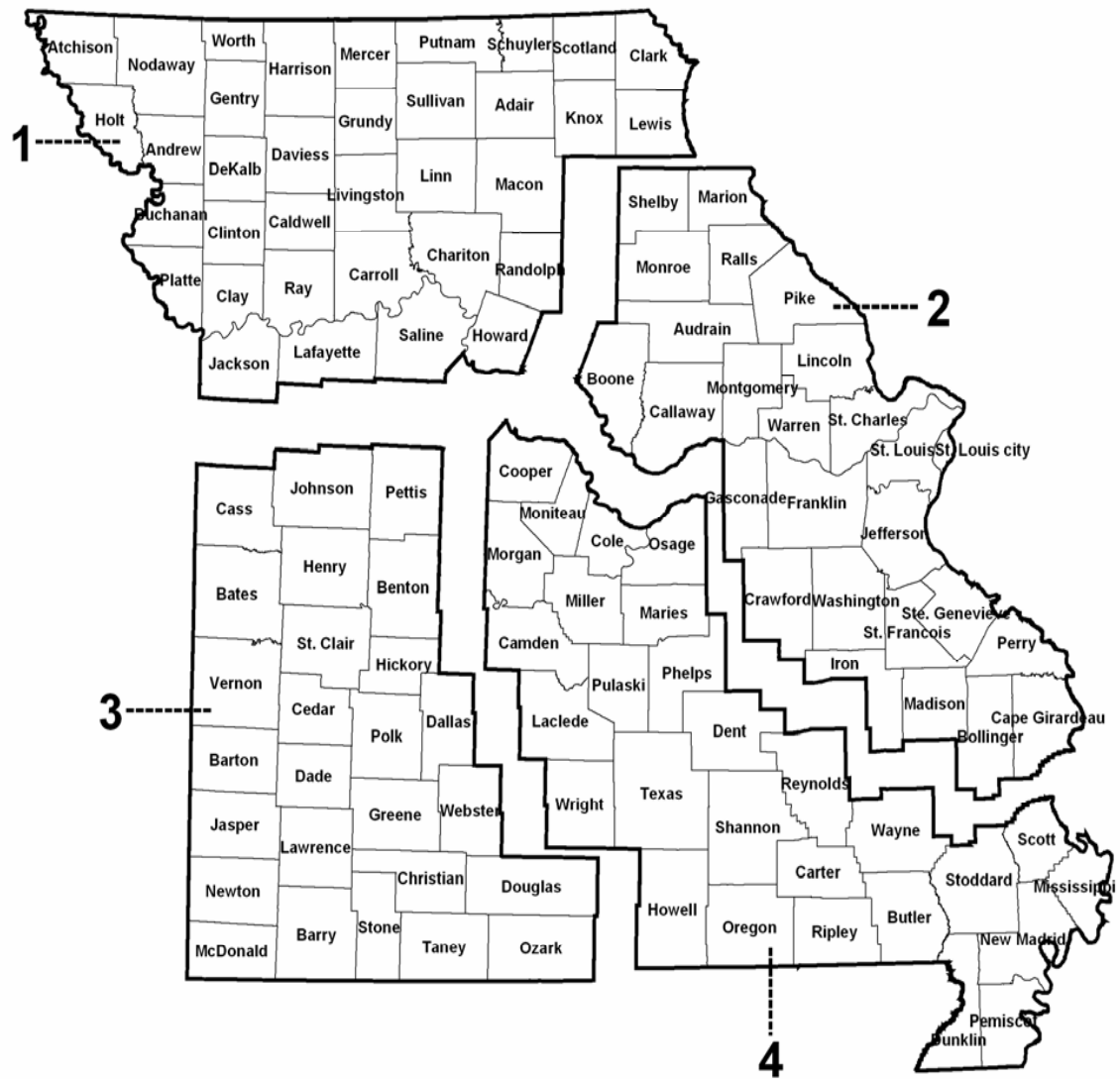
Mike Harter
398 N. State Hwy T
Springfield, MO 65802
(417) 732-2245

AREA 2

Rick Schroepel
613 Wilson Street
Washington, MO 63090
(636) 239-3085

AREA 4

Devin Hart
16694 Amber Drive
Houston, MO 65483
(417) 967-4672



**2006 STATISTICAL SUMMARY
SAMPLES ANALYZED FOR 2006**

OFFICIAL SAMPLES ANALYZED	2,006
Purity	797
Noxious Weed	2295
Germination	933
TOTAL NUMBER OF LOTS IN VIOLATION	120
TOTAL OFFICIAL TESTS PERFORMED	4,192
COMPLIANCE RATE OF OFFICIAL SAMPLES ANALYZED	94.02%
SERVICE SAMPLES ANALYZED	345
Purity	41
Noxious Weed	25
Germination	338
Endophyte	3
Pure Live Seed	4
TZ	1
Seed Count per pound	5
TOTAL SERVICE SAMPLES TESTS PERFORMED	417
OTHER TESTS	
TZ	2
Other	1
TOTAL SAMPLES FOR 2006	2006
TOTAL TESTS PERFORMED FOR 2006	4609
SEED PERMITS ISSUED FOR 2006	3992

Information on samples, inspection of seeds, or service samples are available from the Bureau of Feed and Seed, 1616 Missouri Boulevard, Jefferson City, Missouri, 65109 or by calling (573) 751-5474.

SUBMITTING SERVICE SAMPLES

➤ **Testing period for free seed analysis:**

June 1 through August 31

November 1 through January 15

➤ **Testing period for charges on seed analysis:**

January 16 through May 31

September 1 through October 31

➤ **Purity charges:**

One cultivar

\$12.00

More than one cultivar in same sample

\$18.00

Seed having less than 90 percent pure seed

\$10.00/hour

➤ **Germination charges (highly chaffy grasses, excluded)**

\$12.00

➤ **Other testing charges:**

TZ	\$25.00
Highly chaffy seed	\$10.00/hour
Highly chaffy germ	\$14.00
Endophyte from growth	\$30.00
Endophyte from seed	\$20.00
Noxious and Prohibited weed seed	\$12.00
Complete Test (Including Purity, Germination, and Noxious Weeds)	\$36.00
Cold Test (Soybeans)	\$12.00
Cool Test (Cotton)	\$12.00

CRITERIA FOR OBTAINING A SERVICE SAMPLE

Forward your seed in containers adequate to protect the sample.

Without proper sampling technique, test will not reflect true quality of the seed.

➤ **Bulk lot seeds:**

Take a sample from several places.

Mix the seed samples thoroughly.

Make a composite sample.

➤ **Bagged lot seeds:**

Take sample from approximately 10 percent of the bags.

Mix the seed samples thoroughly.

Make a composite sample.

➤ **Size of sample needed for testing:**

TYPE OF SEED	SAMPLE SIZE GERMINATION	SAMPLE SIZE PURITY
Soybeans	one quart	one-half gallon
Large Seeds (corn, cotton, small grain, sorghum)	one pint to one quart	one quart
Small seeds (grass, clover, alfalfa, lespedeza)	one-half pint	one quart

SEED ANALYSIS SERVICE SAMPLE APPLICATION

Submit seed samples with request for analysis to: **State Seed Control Laboratory**
Department of Agriculture
1616 Missouri Blvd. (65109)
P.O. Box 630 (65102)
Jefferson City, MO

PLEASE PRINT OR TYPE THE FOLLOWING INFORMATION:

Date _____

Lot number or ID of seed _____ Kind of seed _____

Check the following
analysis to be run:

Free _____

Charge _____ (see page 7 for free & charge times)

Germination _____

Purity _____

Noxious or prohibited
weed seed content _____

Other (please specify) _____

Person planting this seed _____

Address _____
(Route/Street No.) (P.O. Box)

(City) (State) (Zip)

(Phone number)

SECTION ONE

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

1

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
AG SOURCE SEEDS	4	4						
NEVADA IA								
SOYBEANS	4	4						
AGRO DISTRIBUTION LLC	16	13	3	3				
ST JOSEPH MO								
MIXED SEED	1	1						
BLUEGRASS, KENTUCKY	5	3	2	2				
FESCUE	1	1						
FESCUE, TALL	7	6	1	1				
ORCHARDGRASS	1	1						
RYEGRASS, ANNUAL	1	1						
AGVENTURE INC	8	8						
KENTLAND IN								
SOYBEANS	8	8						
ALLENDAN SEED COMPANY	1		1		1			
WINTERSET IA								
SWITCHGRASS	1		1		1			
ANDREWS FARM SEED	7	7						
CARTHAGE MO								
MIXED SEED	1	1						
FESCUE, TALL	4	4						
WHEAT	2	2						
ANGUS HARRIS	1	1						
EDGAR SPRINGS MO								
FESCUE, TALL	1	1						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

2

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
BAKER CREEK HEIRLOOM MANSFIELD, MO	27	27						
VEGETABLE	27	27						
BARENBRUG USA	26	25	1		1			
TANGENT OR								
MIXED SEED	1	1						
BLUEGRASS, KENTUCKY	1	1						
FESCUE, TALL	10	9	1		1			
ORCHARDGRASS	4	4						
RYEGRASS	2	2						
RYEGRASS, ANNUAL	3	3						
RYEGRASS, PERENNIAL	4	4						
TIMOTHY	1	1						
BEE SEED	1	1						
BROOKINGS SD								
OAT	1	1						
BEHM & HAGEMAN INC	1		1		1			
PEORIA IL								
MIXED SEED	1		1		1			
BELT FUR WOOL & SEED CO	1	1						
LEONARD MO								
WHEAT	1	1						
BO JAC HYB CORN CO	3	2	1		1			
MT PULASKI IL								
SOYBEANS	3	2	1		1			
BUCHHEIT INC	8	6	2	1		1		2
PERRYVILLE MO								
MIXED SEED	1	1						
CLOVER, ALSIKE	1	1						
FESCUE, TALL	3	2	1	1				1
RYEGRASS, ANNUAL	2	1	1			1		1
SORGHUM, SUDANGRASS	1	1						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

3

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
BULLARD SEED	6	6						
ASHLAND MO								
WHEAT	6	6						
BWI COMPANIES INC	2	2						
SPRINGFIELD MO								
MIXED SEED	1	1						
OTHER	1	1						
BWI COMPANIES INC	12	11	1	1				
TEXARKANA TX								
MIXED SEED	3	3						
FESCUE, TALL	7	7						
RYEGRASS, ANNUAL	1	1						
RYEGRASS, PERENNIAL	1		1	1				
BYRON SEEDS	1	1						
MARSHALL IN								
SORGHUM, SUDANGRASS	1	1						
CHARTER SEED CO. INC	1	1						
CALDWELL ID								
VEGETABLE	1	1						
CHESMORE SEED CO	2	2						
ST JOESPH MO								
VEGETABLE	2	2						
CONIDA SEED CO.	4	4						
HAZELTON ID								
VEGETABLE	4	4						
CROOKHAM COMPANY	1	1						
CALDWELL IDAHO								
VEGETABLE	1	1						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

4

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
CROPLAN / LAND O LAKES FT DODGE IA	2	2						
WHEAT	2	2						
CROPLAN GENETICS/ FT DODGE, IA	1	1						
SOYBEANS	1	1						
CROW'S HYBRID CORN CO KENLAND IN	18	17	1		1			
CORN, FIELD	2	2						
SOYBEANS	16	15	1		1			
CULLUM SEED CO FISHER ARKANSAS	1	1						
SOYBEANS	1	1						
CUTTING EDGE AGRI PRODUC LOWERY CITY MO	1	1						
LESPEDA	1	1						
DAWES LABORATORIES INC ARLINGTON HGHTS I L	1	1						
WHEAT	1	1						
DELTA & PINE LAND CO SCOTT MS	2	2						
COTTON	2	2						
DES MOINES FORAGE & TURF ANKENY IA	1		1		1			
BROME, SMOOTH	1		1		1			

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

5

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
DISCOUNT SEEDS INC	4	4						
WATERTOWN SD								
OAT	3	3						
RYE	1	1						
DORSING SEEDS INC	1	1						
NYSSA OR								
VEGETABLE	1	1						
EL-MEL INC	1	1						
FLORISSANT MO								
FESCUE, TALL	1	1						
EL-MEL, INC.	1	1						
ST. CHARLES MO								
FESCUE, TALL	1	1						
EL-PAR STOCK & SEED FARM	3	3						
VERSAILLES MO								
BARLEY	2	2						
WHEAT	1	1						
EVERGREEN SEED LLC	9	8	1				1	
STOCKTON MO								
MIXED SEED	1	1						
FESCUE, TALL	4	3	1				1	
ORCHARDGRASS	2	2						
RYE	1	1						
RYEGRASS, PERENNIAL	1	1						
FELDMAN'S	12	12						
BLUE SPRINGS MO								
MIXED SEED	5	5						
FESCUE, RED	1	1						
FESCUE, TALL	4	4						
RYEGRASS, ANNUAL	2	2						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

6

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
FERGUSON SEED FARMS	8	8						
GLASGOW MO								
WHEAT	8	8						
FERRY-MORSE SEED COMPANY	3	2	1			1		
FULTON KY								
MIXED SEED	1	1						
FESCUE, TALL	2	1	1			1		
FLICK SEED CO	1		1			1		
KINGSVILLE MO								
FESCUE, TALL	1		1			1		
FONTENELLE HYBRIDS	4	4						
NICKERSON NE								
SOYBEANS	4	4						
GARD 'N WISE	3	2	1			1		
KANSAS CITY MO								
MIXED SEED	1	1						
FESCUE, TALL	2	1	1			1		
GARST SEED CO	24	24						
SLATER IA								
SOYBEANS	24	24						
GEORGE KELLER & SONS CO	21	20	1	1				1
QUINCY IL								
MIXED SEED	1	1						
ALFALFA	1	1						
BLUEGRASS, KENTUCKY	2	2						
CLOVER, RED	2	2						
FESCUE, TALL	7	6	1	1				1
RYEGRASS, ANNUAL	1	1						
RYEGRASS, PERENNIAL	4	4						
TIMOTHY	3	3						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

7

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
GEORGE'S TACK & FEED	4	4						
CAMDENTON MO								
MIXED SEED	1	1						
FESCUE, RED	1	1						
FESCUE, TALL	1	1						
RYEGRASS, PERENNIAL	1	1						
GOLDEN HARVEST SEEDS INC	19	19						
PEKIN IL								
CORN, FIELD	8	8						
SOYBEANS	11	11						
GRAHAM SEED	1	1						
CHILLICOTHE MO								
SOYBEANS	1	1						
GRASS PAD	1	1						
BUCYRUS KS								
MIXED SEED	1	1						
GRASS PAD WAREHOUSE	11	10	1	1				
OLATHE KS								
MIXED SEED	2	2						
BLUEGRASS, KENTUCKY	1	1						
FESCUE, TALL	4	3	1	1				
RYEGRASS	1	1						
RYEGRASS, ANNUAL	1	1						
RYEGRASS, PERENNIAL	2	2						
GREEN SEED CO INC	49	39	10	1	7	2		
SPRINGFIELD MO								
MIXED SEED	8	3	5		4	1		
ALFALFA	2	2						
BLUEGRASS, KENTUCKY	2	1	1	1				
BROME, SMOOTH	1	1						
CLOVER	1	1						
CLOVER, LADINO & WHITE	1	1						
FESCUE, RED	1	1						
FESCUE, TALL	19	16	3		2	1		
LESPEDeza, KOREAN	1	1						
LESPEDeza, SERICEA	1	1						
MILLET	1	1						
ORCHARDGRASS	2	2						
REDTOP	1	1						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

8

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
GREEN SEED CO INC								
SPRINGFIELD MO								
RYE	1	1						
RYEGRASS, ANNUAL	2	2						
RYEGRASS, PERENNIAL	4	4						
TREFOIL, BIRDSFOOT	1		1		1			
GREEN VALLEY SEED INC	22	21	1		1			
KAHOKA MO								
MIXED SEED	1		1		1			
ALFALFA	1	1						
BLUEGRASS, KENTUCKY	1	1						
BUCKWHEAT	1	1						
CANARYGRASS, REED	1	1						
CLOVER, RED	1	1						
FESCUE, TALL	1	1						
MILLET, JAPANESE	1	1						
OAT	1	1						
RYE	1	1						
SOYBEANS	9	9						
TIMOTHY	1	1						
WHEAT	1	1						
OTHER	1	1						
GROWMARK INC	1	1						
BLOOMINGTON IL								
SOYBEANS	1	1						
HAAS SEED HOUSE	2	2						
ALBERS IL								
WHEAT	2	2						
HAMEL SEED & FARM SPLY	1	1						
WORDEN IL								
WHEAT	1	1						
HARRIS MORAN SEED CO	1	1						
MODESTO CA								
VEGETABLE	1	1						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

9

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
HOEGEMEYER HYBRIDS	4	4						
HOOPER NE								
SOYBEANS	4	4						
HOFF FARMS INC	1	1						
BOONVILLE MO								
WHEAT	1	1						
HOFFMAN & REED INC.	3	3						
TRENTON MO								
WHEAT	3	3						
HONAM INC	1	1						
ELMO, MO								
CLOVER, RED	1	1						
HUBNER SEED COMPANY, INC	1	1						
WEST LEBANON IN								
MIXED SEED	1	1						
HUMMERT INTERNATIONAL	15	15						
EARTH CITY MO								
MIXED SEED	5	5						
FESCUE, TALL	10	10						
HUMMERT INTERNATIONAL	6	5	1	1				
TOPEKA, KS								
BLUEGRASS, KENTUCKY	2	1	1	1				
FESCUE, TALL	4	4						
JAY TURNER	1		1	1				1
COLUMBIA MO								
MIXED SEED	1		1	1				1

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

10

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
JOHNSON SEED CO	3	2	1	1				1
ASHBURN GA								
FESCUE, TALL	3	2	1	1				1
KINCAD MAC & JARET	1	1						
JASPER MO								
LESPEDeza, KOREAN	1	1						
KING CITY SEED & STORAGE	26	26						
KING CITY MO								
SOYBEANS	24	24						
WHEAT	2	2						
KRUGER SEED COMPANY	21	17	4		4			
DIKE IA								
SOYBEANS	21	17	4		4			
LAY SEED CO	1	1						
LABELLE MO								
WHEAT	1	1						
LEBANON SEABOARD CORP	4	4						
BRISTOL IL								
FESCUE, TALL	4	4						
LEMARS AGRI CENTER	3	3						
LEMARS IA								
OAT	3	3						
LEO STROBEL & SONS	5	5						
CONCORDIA MO								
SOYBEANS	3	3						
WHEAT	2	2						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

11

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
LESCO	20	20						
ROCKY RIVER OH								
MIXED SEED	11	11						
BLUEGRASS, KENTUCKY	1	1						
FESCUE, TALL	6	6						
RYEGRASS, PERENNIAL	2	2						
LETZIG FARMS	1	1						
RICHMOND MO								
WHEAT	1	1						
LEWIS HYBRIDS INC	1	1						
URSA IL								
CORN, FIELD	1	1						
MASTERS CHOICE HYBRIDS	1	1						
CARROLLTON IL								
CORN, FIELD	1	1						
MERSCHMAN SEEDS	6	6						
WEST POINT IA								
CORN, FIELD	1	1						
SOYBEANS	5	5						
MFA AGRI SERVICE	4	3	1		1			
WENTZVILLE MO								
MIXED SEED	4	3	1		1			
MFA EXCHANGE	2	2						
BOONVILLE MO								
WHEAT	2	2						
MFA EXCHANGE	1	1						
CHILLICOTHE MO								
OAT	1	1						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

12

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
MFA INC. SEED DIVISION	216	205	11		8	2	1	1
COLUMBIA MO								
MIXED SEED	15	10	5		3	1	1	
ALFALFA	2	2						
BROME, SMOOTH	2	1	1		1			
CLOVER, CRIMSON	1	1						
CLOVER, LADINO & WHITE	1	1						
CLOVER, RED	12	12						
CLOVER, YELLOW SWEET	1	1						
CORN, FIELD	9	9						
FESCUE	1	1						
FESCUE, RED	2	2						
FESCUE, TALL	45	41	4		3	1		1
LESPEDeza, KOREAN	3	3						
OAT	1	1						
ORCHARDGRASS	11	10	1		1			
RYE	1	1						
RYEGRASS	1	1						
RYEGRASS, ANNUAL	1	1						
RYEGRASS, PERENNIAL	3	3						
SORGHUM, GRAIN	1	1						
SORGHUM, SUDANGRASS	1	1						
SOYBEANS	68	68						
SUDANGRASS	1	1						
TIMOTHY	3	3						
WHEAT	29	29						
OTHER	1	1						
MFA SEED DIST	9	7	2	1		1		
SEDALIA MO								
MIXED SEED	1		1			1		
ORCHARDGRASS	3	2	1	1				
RYEGRASS, ANNUAL	5	5						
MID-STATE SEED & STORAGE	11	10	1		1			
MARSHALL MO								
WHEAT	11	10	1		1			
MIDWEST PREMIUM GENETICS	1	1						
CONCORDIA MO								
SOYBEANS	1	1						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

13

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
MIDWEST SEED GENETIC INC	19	18	1		1			
CARROLL IOWA								
SOYBEANS	19	18	1		1			
MILLER SEED CO	7	7						
CLINTON MO								
CLOVER, RED	3	3						
FESCUE, TALL	4	4						
MISSOURI FOOD & FIBER	2	2						
GARDEN CITY MO								
SOYBEANS	2	2						
MISSOURI FOOD & FIBER	1	1						
HARRISONVILLE MO								
SOYBEANS	1	1						
MISSOURI SOUTHERN SEED	255	243	12	6	4			5
ROLLA MO								
MIXED SEED	38	36	2	2				
ALFALFA	5	5						
BLUEGRASS, KENTUCKY	13	13						
BROME, SMOOTH	3	1	2		2			1
BUCKWHEAT	2	2						
CANARYGRASS, REED	2	1	1		1			
CLOVER, ALSIKE	2	2						
CLOVER, CRIMSON	2	2						
CLOVER, LADINO & WHITE	8	6	2	2				1
CLOVER, RED	10	10						
FESCUE, RED	4	4						
FESCUE, TALL	72	68	4	1	1			3
LESPEDeza	1	1						
LESPEDeza, KOREAN	10	10						
MILLET	1	1						
MILLET, FOXTAIL	1	1						
FIELD PEA	1	1						
MILLET, JAPANESE	2	2						
OAT	2	2						
ORCHARDGRASS	10	9	1	1				
REDTOP	3	3						
RYE	1	1						
RYEGRASS	3	3						
RYEGRASS, ANNUAL	14	14						
RYEGRASS, PERENNIAL	22	22						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

14

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
MISSOURI SOUTHERN SEED								
ROLLA MO								
SORGHUM, SUDANGRASS	1	1						
SOYBEANS	1	1						
TIMOTHY	13	13						
VEGETABLE	1	1						
WHEAT	3	3						
OTHER	4	4						
MONSANTO CO	340	332	8		8			
ST LOUIS MO								
CORN, FIELD	6	6						
COTTON	1	1						
SOYBEANS	333	325	8		8			
MORGAN COUNTY SEEDS	20	18	2		2			
BARNETT MO								
VEGETABLE	20	18	2		2			
MORGANTON FEED & SEED LL	2	2						
MORGANTON NC								
FESCUE, TALL	2	2						
MORNING SUN SEED	4	4						
WESTBORO MO								
SOYBEANS	4	4						
MYCOGEN SEEDS	19	19						
INDIANAPOLIS IN								
MIXED SEED	1	1						
CORN, FIELD	4	4						
SOYBEANS	14	14						
N C + HYBRIDS	19	17	2		2			
LINCOLN NE								
MIXED SEED	1	1						
CORN, FIELD	1	1						
SOYBEANS	17	15	2		2			

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

15

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
NEMO SEED & GRAIN	1	1						
PALMYRA MO								
WHEAT	1	1						
NIXA HARDWARE	19	17	2	2				1
NIXA MO								
MIXED SEED	1	1						
ALFALFA	1	1						
CANARYGRASS, REED	1	1						
CLOVER, ALSIKE	1	1						
CLOVER, LADINO & WHITE	2	1	1	1				
CLOVER, RED	4	4						
CLOVER, YELLOW SWEET	1	1						
FESCUE	1	1						
FESCUE, TALL	2	2						
LESPEDeza	1	1						
OAT	1	1						
ORCHARDGRASS	2	1	1	1				1
RYEGRASS, PERENNIAL	1	1						
NUTECH	10	10						
LELAND IA								
SOYBEANS	10	10						
OLEAN SEED COMPANY	2	2						
OLEAN MO								
FESCUE, TALL	2	2						
OWEN SEED CO	2	2						
CARROLLTON MO								
CLOVER, RED	1	1						
WHEAT	1	1						
PAUL PARSONS	1	1						
ALBANY MO								
WHEAT	1	1						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

16

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
PAULSMEYER JOE	1	1						
SILEX MO								
WHEAT	1	1						
PENNINGTON SEED CO	2	2						
MADISON GA								
MIXED SEED	1	1						
FESCUE, TALL	1	1						
PENNINGTON SEED INC	133	127	6		5			1
GREENFIELD MO								
MIXED SEED	49	47	2		2			
BLUEGRASS, KENTUCKY	7	7						
BROME, SMOOTH	1		1		1			
FESCUE, RED	1	1						
FESCUE, TALL	63	60	3		2			1
ORCHARDGRASS	1	1						
RYEGRASS	4	4						
RYEGRASS, ANNUAL	3	3						
RYEGRASS, PERENNIAL	4	4						
PENNINGTON SEED INC	2	2						
LEBANON OR								
FESCUE, TALL	2	2						
PETERSBURG SEED & GRAIN	4	4						
FRANKLIN MO								
WHEAT	4	4						
PETERSON GENETICS	1	1						
CEDAR FALLS IA								
SOYBEANS	1	1						
PIONEER HI-BRED INT	37	37						
JOHNSTON IA								
MIXED SEED	3	3						
CORN, FIELD	11	11						
SOYBEANS	19	19						
WHEAT	4	4						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

17

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
POWELL SEED FARM	1	1						
LINNEUS MO								
CLOVER, RED	1	1						
PRODUCERS HYBRIDS	12	11	1		1			
BATTLE BREEK NE								
SOYBEANS	12	11	1		1			
PRODUCTION PLUS	3	2	1		1			
PLAINVIEW MO								
MILLET	1	1						
SORGHUM, SUDANGRASS	2	1	1		1			
PROSOURCE ONE	2	2						
ST JOSEPH MO								
MIXED SEED	1	1						
FESCUE, TALL	1	1						
QUALITY PLUS SEED	2	2						
MONMUTH IL								
SOYBEANS	2	2						
RAGAN & MASSEY INC	3	3						
PONCHATOULA LA								
OAT	3	3						
RENZE HYBRIDS INC	5	5						
CARROLL IA								
SOYBEANS	5	5						
RICHARDSON AGCO	1		1		1	1		
VEGA TX								
SWITCHGRASS	1		1		1	1		

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

18

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
RIVER BEND CUSTOM SEED	2	2						
CAROLTON MO								
WHEAT	2	2						
ROBINSON SEED SERVICE	26	25	1	1				
ST LOUIS MO								
MIXED SEED	15	15						
FESCUE, TALL	7	7						
RYEGRASS, PERENNIAL	4	3	1	1				
S & S SEED	18	15	3	1	2			
STOCKTON MO								
MIXED SEED	6	5	1		1			
CLOVER, RED	2	2						
FESCUE, TALL	5	4	1		1			
ORCHARDGRASS	2	1	1	1				
RYEGRASS, ANNUAL	1	1						
RYEGRASS, PERENNIAL	1	1						
VEGETABLE	1	1						
SANSGAARD SEED FARM INC	5	5						
STORY CITY IA								
SOYBEANS	5	5						
SEMINIS VEGETABLE SEEDS	3	3						
OXNARD, CA								
VEGETABLE	3	3						
SEXAUER DISCOUNT FARM SE	2	1	1		1			
BROOKINGS SD								
OAT	1	1						
TRITICALE	1		1		1			
SHAWNEETOWN FEED&SEED CO	21	17	4		4	1		
JACKSON MO								
MIXED SEED	1	1						
ALFALFA	2	1	1		1			
CANARYGRASS, REED	1		1		1			
CLOVER, LADINO & WHITE	1	1						
CLOVER, RED	2	2						
FESCUE, TALL	3	3						
LESPEDeza, KOREAN	1	1						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

19

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
SHAWNEETOWN FEED&SEED CO								
JACKSON MO								
ORCHARDGRASS	3	3						
REDTOP	2	2						
RYE	1		1		1	1		
RYEGRASS, ANNUAL	1	1						
RYEGRASS, PERENNIAL	1	1						
TIMOTHY	2	1	1		1			
SIEMER ENTERPRISES	1	1						
TEUTOPOLIS IL								
MIXED SEED	1	1						
SIEMER MANGELSDORF	39	35	4	3	2	1		2
COLLINSVILLE IL								
MIXED SEED	3	2	1	1				
BLUEGRASS, KENTUCKY	2	2						
FESCUE, TALL	24	21	3	2	2	1		2
FIELD PEA	1	1						
RYEGRASS, ANNUAL	4	4						
RYEGRASS, PERENNIAL	3	3						
TIMOTHY	2	2						
STAR SEED CO	1		1		1			
BELOIT KS								
OTHER	1		1		1			
STAUFFER SEEDS	2	2						
CARROLL, IA								
SOYBEANS	2	2						
STINE SEED FARM INC	27	27						
ADEL IA								
CORN, FIELD	1	1						
SOYBEANS	26	26						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

20

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
STONE SEED FARMS INC PLEASANT PLAINS IL	2	2						
SOYBEANS	2	2						
STRATTON SEED COMPANY STUTT GART AR	1	1						
OAT	1	1						
STROBEL FARMS SUPPLY CONCORDIA MO	4	4						
WHEAT	4	4						
STUTT GART SEED CO INC STUTT GART AR	1	1						
OAT	1	1						
SYNGENTA SEED INC BOISE ID	2	2						
VEGETABLE	2	2						
SYNGENTA SEEDS INC MINNEAPOLIS MN	49	49						
MIXED SEED	1	1						
CORN, FIELD	15	15						
SOYBEANS	33	33						
TARWATER AG & SUPPLY TOPEKA, KS	1	1						
FESCUE, TALL	1	1						
TASSO PRODUCTIONS LTD PLEASANTON TX	1	1						
VEGETABLE	1	1						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

21

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
TAYLOR SEED FARMS	2	2						
WHITE CLOUD KS								
SOYBEANS	1	1						
WHEAT	1	1						
THE SCOTTS COMPANY	5	2	3		3			
MARYSVILLE OH								
MIXED SEED	3	1	2		2			
FESCUE, TALL	2	1	1		1			
TOM GOLLHOFFER	1	1						
SALEM MO								
FESCUE, TALL	1	1						
TRI-STAR SEED COMPANY	3	2	1	1	1			
SPRING HILL KS								
MIXED SEED	1		1	1	1			
FESCUE, TALL	1	1						
TIMOTHY	1	1						
TURNER SEED	1	1						
ANTIOCH TN								
MIXED SEED	1	1						
TURNER SEED	1	1						
LAVERGNE TN								
MIXED SEED	1	1						
UAP DISTRIBUTION INC	2	2						
GREELEY CO								
SOYBEANS	2	2						
UAP SEED CO	6	6						
GREELEY CO								
SOYBEANS	6	6						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

22

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
UNITED SEEDS INC	1	1						
OMAHA NE								
MIXED SEED	1	1						
VALLEY PARK ELEVATOR	4	4						
VALLEY PARK MO								
MIXED SEED	4	4						
VIGORO SEED	2	2						
MT. STERLING, OH								
CORN, FIELD	2	2						
W S D A	2	1	1		1			
KAHOKA MO								
SOYBEANS	2	1	1		1			
W.S.D.A.	5	5						
GARDEN CITY MO								
CORN, FIELD	1	1						
SOYBEANS	1	1						
WHEAT	3	3						
WEBER SEEDS INC	17	17						
MARSHALL MO								
SOYBEANS	7	7						
WHEAT	10	10						
WELTER SEED & HONEY CO.	2	1	1	1				
ONSLow IA								
FESCUE, TALL	1	1						
ORCHARDGRASS	1		1	1				
WILDWEST SEED INC	3	3						
ALBANY OR								
VEGETABLE	3	3						

SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

23

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
WILLIAMS LAWN SEED CO	67	54	13	12	1			
MARYVILLE MO								
MIXED SEED	3	3						
BLUEGRASS, KENTUCKY	24	18	6	5	1			
FESCUE	4	4						
FESCUE, RED	3	3						
FESCUE, TALL	22	17	5	5				
RYEGRASS, ANNUAL	1	1						
RYEGRASS, PERENNIAL	10	8	2	2				
WILSON HYBRIDS INC	3	3						
HARLAN IA								
SOYBEANS	3	3						
WL ALFALFAS	3	3						
MADISON WI								
MIXED SEED	3	3						
TOTAL SAMPLES----->2006		1886	120	39	69	12	2	15
AVERAGES-----100		94	6	2	3	1		1

SECTION TWO

VIOLATIONS OF SEED LOTS FOR REASONS OTHER THAN CONTENT CLAIMS

**VIOLATIONS ON SEED LOTS FOR REASONS
OTHER THAN CONTENTS CLAIMS**

Company	Reason Field Written Stop Sale was Issued	Number of Violations
Farm Pro 009-044 Monett, MO 65708	Out of test date	1
Kincaid Seed Company, LLC 097-088 Jasper, MO 64755	No Label	2
Marion County Agri Service 127-006 Hannibal, MO 63401	Out of test date	2
MFA Agri Service 113-017 Elsberry, MO 63343	Out of test date	1
MFA Agri Service 147-007 Guilford, MO 64457	Out of test date	9
MFA Agri Service 031-001 Jackson, MO 63755	Out of test date	1
MFA Agri Service 145-001 Neosho, Mo 64850	Out of test date	1
MFA, Agri Service 073-001 Owensville, MO 65066	Out of test date	1
Richards Brothers 091-024 Mountain View, MO 65548	Out of test date	9

Turf Supply of the Ozarks 077-320 Springfield, Mo 65807	Out of test date No Retail Seed permit	2
Helena Chemical Lenexa, KS	Labeling <i>blend not mixture</i> NO Seed Wholesale seed permit	2
Wal-Mart 117-054 Chillicothe, Mo 64601	Out of test date	4
		35